

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (previously presented): A pluggable video module (PVM) comprising:

- a housing having a top, a bottom, a front, and a back;
- a locking and release mechanism proximate the front of the PVM for securing the PVM within a host device;
- an electrical connector proximate the back of the PVM for electrically connecting the PVM to the host device;
- an optical connector proximate the front of the PVM for receiving a second optical connector; and
- a key slot on the bottom and proximate the back of the PVM for receiving a key tab from the host device, and thereby allowing the PVM to be inserted into a host receptacle of the host device having the key tab, and wherein the key slot has three edges.

Claim 2 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a duplex optical port.

Claim 3 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a transmitting (TX) optical port.

Claim 4 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a simplex transmitting (TX) optical port.

Claim 5 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a dual transmitting (TX) optical port.

Claim 6 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a receiving (RX) optical port.

Claim 7 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a simplex receiving (RX) optical port.

Claim 8 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a dual receiving (RX) optical port.

Claim 9 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a duplex LC connector.

Claim 10 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a dual transmit (TX) LC connector.

Claim 11 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a dual receiving (RX) LC connector.

Claim 12 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a simplex transmitting (TX) ST connector.

Claim 13 (previously presented): The pluggable video module (PVM) of Claim 1 wherein the optical connector proximate the front includes a simplex receiving (RX) ST connector.

Claim 14 (previously presented): A pluggable video module (PVM) comprising:  
a housing having a top, a bottom, a front, and a back;  
a locking and release mechanism proximate the front of the PVM for securing the PVM within a host device;  
an electrical connector proximate the back of the PVM for electrically connecting the PVM to the host device;  
an electrical connector proximate the front of the PVM for receiving a third electrical connector; and

a key slot on the bottom and proximate the back of the PVM for receiving a key tab from the host device, and thereby allowing the PVM to be inserted into a host receptacle of the host device having the key tab, and wherein the key slot has three edges.

Claim 15 (previously presented): The pluggable video module (PVM) of Claim 14 wherein the electrical connector proximate the front includes a duplex electrical port.

Claim 16 (previously presented): The pluggable video module (PVM) of Claim 14 wherein the electrical connector proximate the front includes a transmitting (TX) electrical port.

Claim 17 (previously presented): The pluggable video module (PVM) of Claim 14 wherein the electrical connector proximate the front includes a receiving (RX) electrical port.

Claim 18 (previously presented): The pluggable video module (PVM) of Claim 14 wherein the electrical connector proximate the front includes a simplex transmitting (TX) electrical port.

Claim 19 (previously presented): The pluggable video module (PVM) of Claim 14 wherein the electrical connector proximate the front includes a dual transmitting (TX) electrical port.

Claim 20 (previously presented): The pluggable video module (PVM) of Claim 14 wherein the electrical connector proximate the front includes a simplex receiving (RX) electrical port.

Claim 21 (previously presented): The pluggable video module (PVM) of Claim 14 wherein the electrical connector proximate the front includes a dual receiving (RX) electrical port.

Claim 22 (previously presented): The pluggable video module (PVM) of Claim 14 wherein the electrical connector proximate the front includes a simplex TX Mini-BNC electrical port.

Claim 23 (previously presented): The pluggable video module (PVM) of Claim 14 wherein the electrical connector proximate the front includes a simplex RX Mini-BNC electrical port.

Claim 24 (previously presented): A host cage for receiving a pluggable video module (PVM), the host cage comprising:

a top, a bottom, opposite sides, a front, and a back;

an opening proximate the front for receiving the PVM; and

a key tab extending beyond an inside surface on the bottom of the host cage, whereby the key tab is formed by raising a cut out portion of the host cage towards an inside of the host cage.

Claim 25 (previously presented): A pluggable video module (PVM) assembly comprising:

a cage for receiving a pluggable video module (PVM);

a key tab extending beyond an inside surface on a bottom of the cage, whereby the key tab is formed by raising a cut out portion of the cage towards an inside of the cage;

the PVM having a housing including a top, a bottom, a front, and a back; and

a key slot on the bottom and proximate the back of the PVM sized for receiving the key tab in the cage, and thereby allowing the PVM to be installed into the cage, and wherein the key slot has three edges.

Claim 26 (previously presented): A pluggable video module (PVM) comprising:

a housing having a top, a bottom, a front, and a back;

a locking and release mechanism proximate the front of the PVM for securing the PVM within a host device;

an electrical connector proximate the back of the PVM for electrically connecting the PVM to the host device;

an optical connector proximate the front of the PVM;

a key slot on the bottom and proximate the back of the PVM for receiving a key tab from the host device, and thereby allowing the PVM to be installed into a host receptacle of the host device having the key tab; and

pathological circuitry for handling pathological conditions associated with digital video signals, and wherein the pathological circuitry includes a capacitor having a value of 4.7uF.

Claim 27 (previously presented): A pluggable video module (PVM) comprising:

a housing having a top, a bottom, a front, and a back;

a locking and release mechanism proximate the front of the PVM for securing the PVM within a host device;

an electrical connector proximate the back of the PVM for electrically connecting the PVM to the host device;

an electrical connector proximate the front of the PVM for receiving a second electrical connector;

a key slot on the bottom and proximate the back of the PVM for receiving a key tab from the host device, and thereby allowing the PVM to be installed into a host receptacle of the host device having the key tab; and

pathological circuitry for handling pathological conditions associated with digital video signals, and wherein the pathological circuitry includes a capacitor having a value of 4.7uF.

Claim 28 (new): A pluggable video module (PVM) comprising:

a housing having a top, a bottom, a front, and a back;

a locking and release mechanism proximate the front of the PVM for securing the PVM within a host device;

an electrical connector proximate the back of the PVM for electrically connecting the PVM to the host device;

an optical connector proximate the front of the PVM for receiving a second optical connector;

a key slot on the bottom and proximate the back of the PVM for receiving a key tab from the host device, and thereby allowing the PVM to be inserted into a host receptacle of the host device having the key tab, and wherein the key slot has three edges, and wherein the three edges of the key slot form a plane; and

pathological circuitry for handling pathological conditions associated with digital video signals, and wherein the pathological circuitry includes a capacitor having a value of 4.7uF.

Claim 29 (new): A pluggable video module (PVM) comprising:

a housing having a top, a bottom, a front, and a back;

a locking and release mechanism proximate the front of the PVM for securing the PVM within a host device;

an electrical connector proximate the back of the PVM for electrically connecting the PVM to the host device;

an electrical connector proximate the front of the PVM for receiving a third electrical connector;

a key slot on the bottom and proximate the back of the PVM for receiving a key tab from the host device, and thereby allowing the PVM to be inserted into a host receptacle of the host



device having the key tab, and wherein the key slot has three edges, and wherein the three edges of the key slot form a plane; and

pathological circuitry for handling pathological conditions associated with digital video signals, and wherein the pathological circuitry includes a capacitor having a value of 4.7uF.

Claim 30 (new): A pluggable video module (PVM) assembly comprising:

a cage for receiving a pluggable video module (PVM);

a key tab extending beyond an inside surface on a bottom of the cage, whereby the key tab is formed by raising a cut out portion of the cage towards an inside of the cage;

the PVM having a housing including a top, a bottom, a front, and a back;

a key slot on the bottom and proximate the back of the PVM sized for receiving the key tab in the cage, and thereby allowing the PVM to be installed into the cage, and wherein the key slot has three edges, and wherein the three edges of the key slot form a plane; and

the PVM having pathological circuitry for handling pathological conditions associated with digital video signals, and wherein the pathological circuitry includes a capacitor having a value of 4.7uF.